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having a profile, in a cross-section parallel to the fluid flow direction and parallel to the post, including an inflection point, and  
a single hole downstream of the fluid introduction port for exiting of the fluid flow from the measuring duct; and  
a flow rate detector located in the measuring duct.

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3. (Twice Amended) The device according to Claim 1, wherein the fluid introduction port has a length in the longitudinal direction and a width in a transverse direction, transverse to the longitudinal direction, the longitudinal length being at least twice the width.

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4. (Twice Amended) The device according to Claim 1, wherein the measuring duct includes a second pair of generally smooth converging inner wall surfaces, generally transverse to the first pair of inner wall surfaces, narrowing in the downstream direction, and having a curved profile in a plane perpendicular to the fluid introduction port and parallel to a longitudinal direction of the fluid introduction port.

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5. (Twice Amended) The device according to Claim 1, wherein the measuring duct narrows to at least a position where a flow rate detecting element of the flow rate detector is located.

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6. (Twice Amended) The device according to Claim 1, wherein the fluid introduction port has, in a plane perpendicular to the fluid flow, a closed curve shape.

7. (Twice Amended) The device according to Claim 1, wherein the measuring duct has a second pair of inner wall surfaces, generally transverse to the first pair of inner wall surfaces, and extending from a location upstream of the flow rate detector to the flow rate detector and narrowing toward the downstream direction, in a transverse direction of the fluid introduction port.

8. (Twice Amended) The device according to Claim 1, wherein the measuring duct includes a notch at the single hole.

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9. (Twice Amended) The device according to Claim 1, wherein the measuring duct includes an outer wall surface that, at least in part, extends outwardly.

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12. (Twice Amended) The device according to Claim 1, including projections located on the duct near the fluid introduction port and extending in an upstream direction.

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13. (Twice Amended) The device according to Claim 12, wherein the fluid introduction port has a substantially rectangular shape in a plane transverse to the fluid flow, and the projections are located at at least one pair of long sides and short sides of the fluid introduction port, the projections being parallel plates.

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15. (Twice Amended) A flow rate measuring device comprising:  
a post located in a fluid passage for passing a fluid flow and extending across a part of the fluid flow;  
a measuring duct in the post, the measuring duct having  
a fluid introduction port with an elongated shape confronting a flow direction of the fluid flow, and  
a first pair of generally smooth, converging inner wall surfaces, narrowing toward a downstream direction of the fluid flow, each of the smooth inner wall surfaces having a profile, in a cross-section parallel to the fluid flow direction and to the post, including an inflection point; and  
a flow rate detector located in the measuring duct and comprising a substantially plate-shaped mounting member extending along the fluid flow, substantially parallel to a longitudinal direction of the fluid introduction port, and a flow rate detection element on a main surface of the mounting member.

16. (Twice Amended) A flow rate measuring device comprising:  
a post located in a fluid passage for passing a fluid flow and extending across a part of the fluid flow;  
a measuring duct in the post, the measuring duct having  
a fluid introduction port with an elongated shape confronting a flow direction of the fluid flow and,  
a first pair of generally smooth, converging inner wall surfaces, narrowing toward a downstream direction of the fluid flow, each of the smooth inner wall surfaces having a profile, in a cross-section parallel to the fluid flow direction and to the post, including an inflection point, and  
a single hole downstream of the fluid introduction port for exiting of the fluid flow from the measuring duct; and

In re Appln. of Hamada et al.  
Application No. 09/425,630

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a flow rate detector located in the measuring duct and comprising a substantially plate-shaped mounting member extending along the fluid flow, substantially parallel to a longitudinal direction of the fluid introduction port, and a flow rate detection element on a main surface of the mounting member.

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